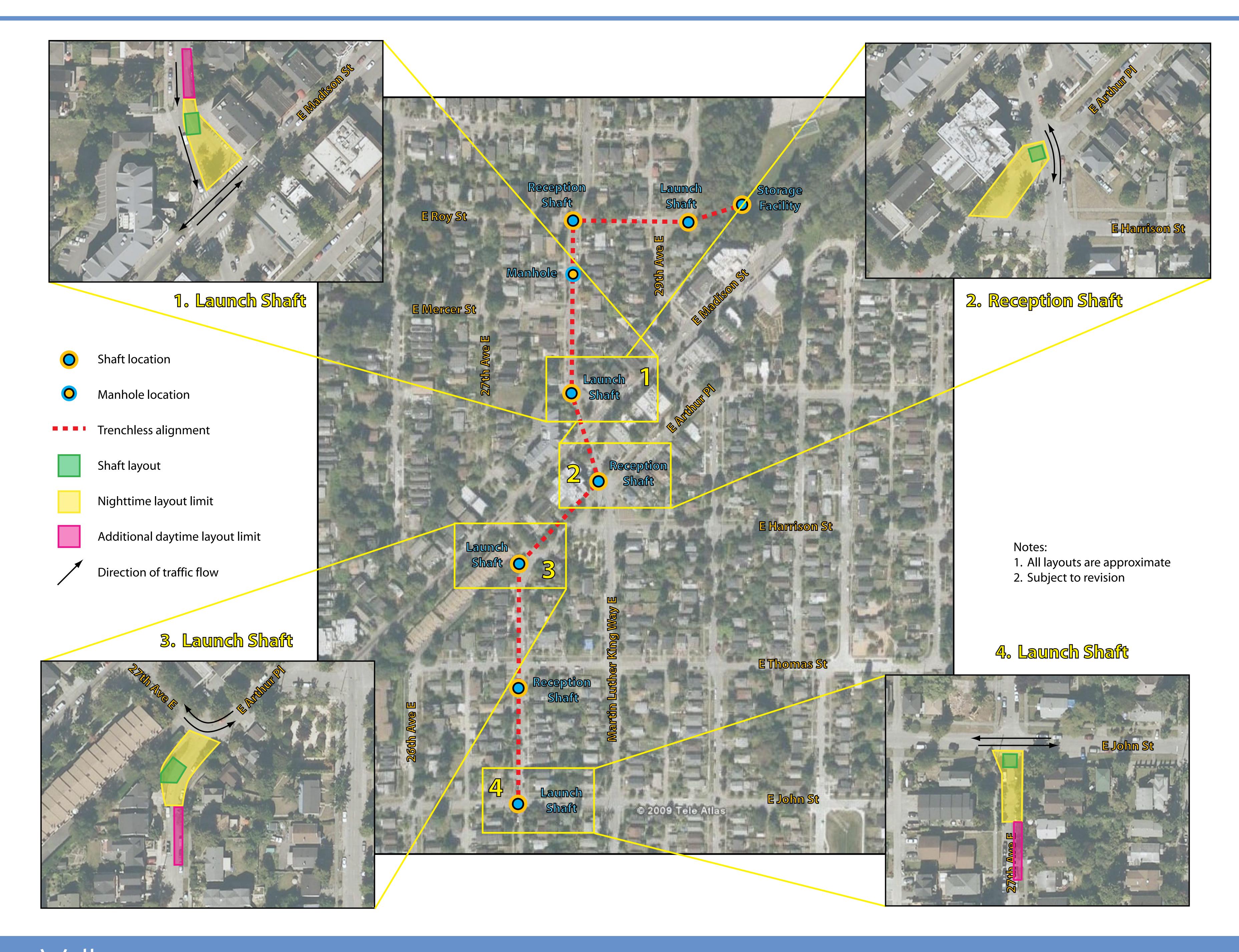
Trenchless Construction Bird's eye view

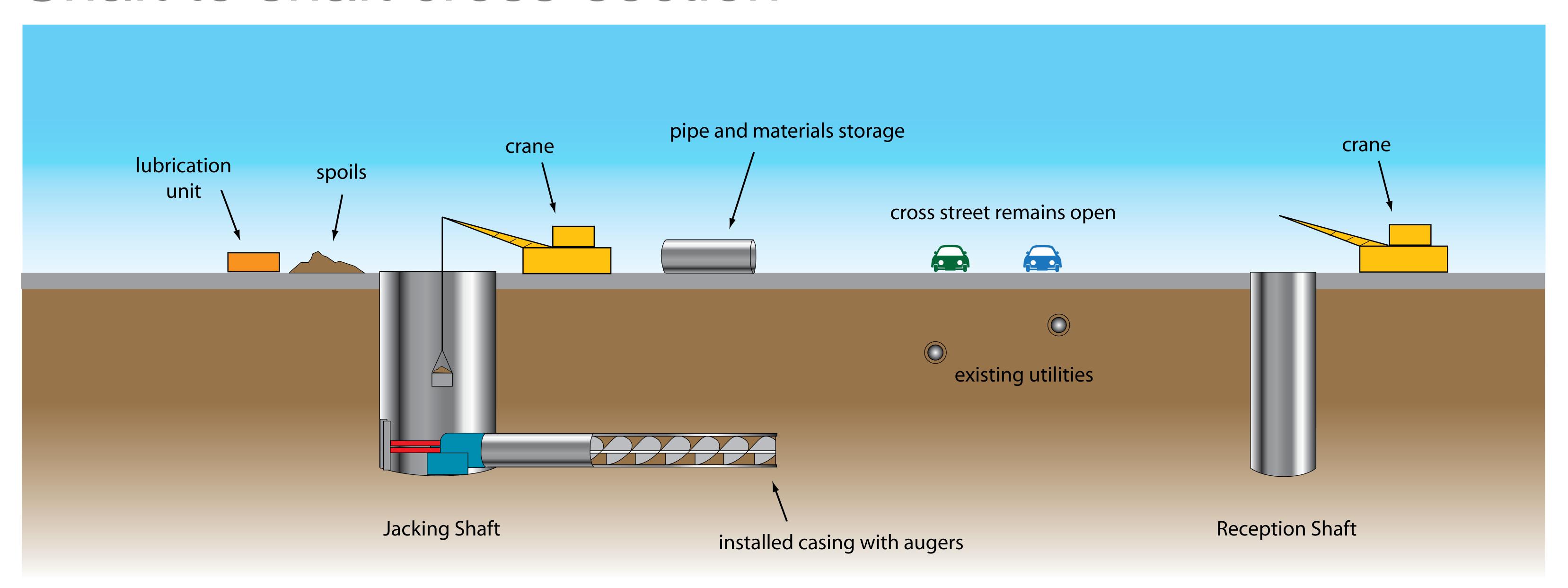




Trenchless Construction



Shaft to shaft cross-section



*not to scale

cross street remains open

lubrication unit spoils jacking shaft crane

pipe and materials storage

Trenchless Construction



Major Activities and Photos

Major Activities

Shaft Construction	l
Traffic Control Pavement Removal Install Shoring Shaft Excavation	

Tunneling

Traffic Control
Pipe Delivery
Soil Removal
Auger boring and pipe jacking

Waiting for tie-ins

Tie-ins and completion

Traffic Control

Connection to Storm Drain
Remove Shoring
Backfill Shaft/Restoration







